

IARPA
BROAD AGENCY ANNOUNCEMENT
IARPA-BAA-09-04



IARPA Wide Broad Agency Announcement
IARPA-BAA-09-04

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BROAD AGENCY ANNOUNCEMENT: IARPA-BAA-09-04

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Part One: OVERVIEW INFORMATION

- **Federal Agency Name:** Intelligence Advanced Research Projects Activity (IARPA)
- **Funding Opportunity Title:** IARPA Wide Broad Agency Announcement (BAA)
- **Announcement Type:** Initial Announcement
- **Funding Opportunity Number:** IARPA-BAA-09-04
- **Catalog of Federal Domestic Assistance Numbers (CFDA):** 12.910 Research and Technology Development
- **Dates:** Abstracts and Proposals Due 5:00pm EST, 31 August 2009
- **Anticipated individual awards:** Multiple awards are anticipated however, offerors should note that no funding has been specifically reserved for this solicitation.
- **Types of instruments that may be awarded:** Procurement contract, grant, cooperative agreement or other transaction.
- **Agency contact:** Mr. Manfai Fong, IARPA Executive Officer
ATTN: IARPA-BAA-09-04
Office of the Director of National Intelligence
Intelligence Advanced Research Projects Activity (IARPA)
Washington, D. C. 20511

E-mail: dni-iarpa-baa-09-04@ugov.gov
- **BAA Summary:** This BAA is being issued to allow continuous submission of abstracts and proposals to IARPA that do not address topics currently covered by open IARPA solicitations. Submission of abstracts is STRONGLY encouraged in advance of full proposals in order for IARPA to provide potential offerors with an indication of the relevance and acceptability of their technical ideas under this BAA.
- **General Information:** Administrative, technical or contractual questions concerning this BAA should be sent via e-mail to dni-iarpa-baa-09-04@ugov.gov. If e-mail is not available, fax questions to 301-226-9137, Attention: IARPA-BAA-09-04. All questions must include the name, email address (if available), and phone number of a point of contact for the requested information. Do not send questions with proprietary content. IARPA will accept questions about the BAA until its closing. A consolidated Question and Answer response will be periodically posted on the IARPA website (www.iarpa.gov); no answers will be sent directly to the submitter.

Part Two: FULL TEXT OF ANNOUNCEMENT

Section 1: FUNDING OPPORTUNITY DESCRIPTION

The Intelligence Advanced Research Projects Activity often selects its research efforts through the Broad Agency Announcement (BAA) process. The BAA will appear first on the FedBizOpps website, <http://www.fedbizopps.gov/>, and then on the IARPA website at <http://www.iarpa.gov>. The following information is for those wishing to respond to the BAA.

IARPA regularly publishes BAAs requesting responses to specific program topics. **This announcement seeks research ideas for topics not addressed by ongoing IARPA programs or other published IARPA solicitations.** Potential offerors are highly encouraged to review the current IARPA solicitation list at <http://www.iarpa.gov/solicitations.html> to avoid proposing efforts that are responsive to other IARPA solicitations. This BAA is primarily, but not solely, intended for early stage research that may lead to larger, focused programs in the future. (IARPA commonly refers to these early stage research efforts as “seedlings”.)

Offerors should demonstrate that their proposed effort is aimed at high-risk/high-payoff approaches that have the potential for making revolutionary rather than incremental improvements to intelligence capabilities. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice.

Research proposals supporting IARPA’s mission as described in the following may be submitted under this BAA.

1.A. IARPA Overview

IARPA invests in high-risk/high-payoff research programs that have the potential to provide our nation with an overwhelming intelligence advantage over our future adversaries. IARPA does not have an operational mission and does not deploy technologies directly to the field. IARPA’s timeline is measured in years, not months, and its focus is on providing revolutionary technologies and capabilities for future use by the intelligence community.

IARPA consists of three offices:

- Smart Collection
- Incisive Analysis
- Safe and Secure Operations

These offices should not be viewed as isolated or independent entities. They are intended to span the space of the important technical challenges that the intelligence community will face in the future.

Smart Collection Office

Programs in this office will focus on dramatically improving the value of collected data from all sources.

IARPA is interested in innovative proposals that address the above goal; research areas of particular interest include:

- Innovative modeling and analysis approaches to identify where to look and what to collect.
- Novel approaches to access that will allow operators to put collectors where they will be most effective.
- Innovative means and methods to ensure the veracity of data collected from a variety of sources.

Incisive Analysis Office

Programs in this office will focus on maximizing insight from the information collected, in a timely fashion.

IARPA is interested in innovative proposals that address the above goal; research areas of particular interest include:

- Advanced data analysis tools, visualizations and other techniques that will enable effective use of large volumes of multiple and disparate sources of information.
- The use of virtual worlds and shared workspaces to dramatically enhance insight and productivity.
- Advanced tools and methods that incorporate socio-cultural and linguistic factors into analyses.
- Estimation and communication of uncertainty and risk.
- 3D holographic Display Technology: Advanced materials and/or metamaterials, nano-fabrication, hardware, software and systems for still frame to video-rate, low to high resolution, personal to large area.

Safe and Secure Operations Office

Programs in this office will focus on countering new capabilities of our adversaries that would threaten our ability to operate freely and effectively in a networked world.

IARPA is interested in innovative proposals that address the above goal; research areas of particular interest include:

- Novel ideas in cybersecurity to address the vulnerabilities that will be introduced as the number of devices connected to the internet exponentially increases and the “traditional” computer no longer represents the main interface to the internet, and as ubiquitous connectivity is coupled with more and more information being stored “in the cloud”.
- Approaches to advancing the “science” of cybersecurity, to include the development of fundamental laws and metrics. Ideas that leverage insights and approaches from other disciplines, such as biology, epidemiology, ecology, physics, and systems engineering, are of particular interest.
- Memristor Paradigm Memory and Processors: Advanced materials and/or metamaterials, nano-fabrication, hardware, architecture, software, and systems for memristor-enabled, high-density, non-volatile memory and advanced Boolean Logic processors.

- Photonic and Plasmonic Optical Logic Processors: Advanced materials, nano-fabrication, hardware, architecture, software, and systems for demonstration of photonic (e.g. nano-photonic-crystal-quantum dot...) and/or plasmonic enabled optical logic processors operating at multi-deca GHz speed.

Section 2: AWARD INFORMATION

Multiple awards are anticipated for this BAA. The amount of resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.

The Government reserves the right to select for negotiation all, some, one, or none of the proposals received in response to this solicitation and to make awards without discussions with offerors. The Government also reserves the right to conduct discussions if the Source Selection Authority determines them to be necessary and reserves the right to accept proposals in their entirety or to select only portions of submitted proposals for negotiation for award. Additionally, portions of resulting awards may be segregated into pre-priced options. If the proposed effort is inherently divisible and nothing is gained from the aggregation, offerors should consider submitting it as multiple independent efforts. The Government reserves the right to fund proposals in phases with options for continued work at the end of one or more of the phases.

Awards under this BAA will be made to offerors on the basis of the evaluation criteria listed in 5.A, portfolio balance, and availability of funds. Proposals identified for negotiation may result in a procurement contract, grant, cooperative agreement, or other transaction agreement (OTA). The Government reserves the right to negotiate the type of award instrument it determines appropriate under the circumstances.

Section 3: ELIGIBILITY INFORMATION

3.A. Eligible Applicants

All responsible sources capable of satisfying the Government's needs may submit a proposal. Historically Black Colleges and Universities (HBCUs), Small Businesses, Small Disadvantaged Businesses and Minority Institutions (MIs) are encouraged to submit proposals and join others in submitting proposals; however, no portion of this announcement will be set aside for these organizations' participation due to the impracticality of reserving discrete or severable areas for exclusive competition among these entities. Other Government Agencies, Federally Funded Research and Development Centers (FFRDCs), University Affiliated Research Centers (UARCs), and any organizations that have a special relationship with the Government, including access to privileged and/or proprietary information or access to Government equipment or real property are not eligible to submit proposals under this BAA or participate as team members under proposals submitted by eligible entities.

Foreign participants and/or individuals may participate to the extent that such participants comply with any necessary Non-Disclosure Agreements, Security Regulations, Export Control Laws and other governing statutes applicable under the circumstances.

3.A.1. Procurement Integrity, Standards of Conduct, Ethical Considerations, and Organizational Conflicts of Interest (OCI)

"Organizational conflict of interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage.

If a prospective offeror, or any of its proposed subcontractor teammates, believes that a potential conflict of interest exists or may exist (whether organizational or otherwise), the offeror should promptly raise the issue with IARPA and submit a waiver request by e-mail to the mailbox address for this BAA at dni-iarpa-baa-09-04@ugov.gov. A potential conflict of interest includes but is not limited to any instance where an offeror, or any of its proposed subcontractor teammates, is providing either scientific, engineering and technical assistance (SETA) or technical consultation to IARPA. In all cases, the offeror shall identify the contract under which the SETA or consultant support is being provided. Without a waiver from the IARPA Director, neither an offeror, nor its proposed subcontractor teammates, can simultaneously provide SETA support or technical consultation to IARPA and compete or perform as a Performer under this solicitation.

All facts relevant to the existence of the potential conflict of interest, real or perceived, should be disclosed in the waiver request. The request should also include a proposed plan to avoid, neutralize or mitigate such conflict. The offeror shall certify that all information provided is accurate and complete, and that all potential conflicts, real or perceived, have been disclosed. It is recommended that an offeror submit this request as soon as possible after release of the BAA before significant time and effort are expended in preparing a proposal. If, in the sole opinion of the Government, after full consideration of the circumstances, the conflict situation cannot be resolved, the request for waiver will be denied, and any proposal submitted by the offeror will be withdrawn from consideration for award.

As part of their proposal, offerors who have identified any potential conflicts of interest shall include either an approved waiver signed by the IARPA Director or a copy of their waiver request. Otherwise, offerors should certify that neither they nor their subcontractor teammates have any potential conflicts of interest, real or perceived.

If, at any time during the solicitation or award process, IARPA discovers that an offeror has a potential conflict of interest, and no waiver request has been submitted by the offeror, IARPA reserves the right to immediately withdraw the proposal from further consideration for award.

3.B. U.S. Academic Organizations

According to Executive Order 12333, as amended, paragraph 2.7, “Elements of the Intelligence Community are authorized to enter into contracts or arrangements for the provision of goods or services with private companies or institutions in the United States and need not reveal the sponsorship of such contracts or arrangements for authorized intelligence purposes. Contracts or arrangements with academic institutions may be undertaken only with the consent of appropriate officials of the institution.”

It is highly recommended that offerors submit with their proposal a completed and signed Academic Institution Acknowledgement Letter for each U.S. academic organization that is a part of their team, whether the academic organization is serving in the role of prime, or a subcontractor or consultant at any tier of their team. A template of the Academic Institution Acknowledgement Letter is enclosed in this BAA at Appendix C. It should be noted that the completed form must be signed by an appropriate senior official from the institution, typically the President, Chancellor, Provost, or other appropriately designated official. Note that this paperwork **must** be completed before IARPA can enter into any negotiations with any offeror when a U.S. academic organization is a part of its team.

3.C. Cost Sharing/Matching

Cost sharing is not required and is not an evaluation criterion; however, cost sharing will be carefully considered and may be required where there is an applicable statutory or regulatory condition relating to the selected award instrument (e.g., for any other transactions under the authority of 10 U.S.C. § 2371). Cost sharing is encouraged where there is a reasonable probability of a potential commercial application related to the proposed research and development effort.

Section 4: APPLICATION AND SUBMISSION INFORMATION

This notice constitutes the total BAA and contains all information required to submit a proposal. No additional forms, kits, or other materials are required.

4.A. Content and Form of Application Submission

4.A.1. Abstract and Proposal Information

Offerors are **strongly encouraged** to submit a proposal abstract in advance of a full proposal (see Section 4.A.2. for abstract format). This procedure is intended to minimize unnecessary effort in proposal preparation and review. IARPA will acknowledge receipt of the abstract submission and assign a control number that should be used in all further correspondence regarding the proposal abstract. Proposal abstracts will generally be reviewed in the order they are received. The offeror will be notified as to whether IARPA is interested in receiving a full proposal on the proposed idea/concept. Regardless of IARPA’s response to a proposal abstract, offerors may submit a proposal.

The typical proposal should express a consolidated effort in support of one or more related technical concepts or ideas. Disjointed efforts should not be included in a single proposal. Tasks in all proposals should be clearly differentiated and optional periods as

well as tasks should be labeled plainly. Associated costs for each should be specified. Proposals not meeting the format described in the BAA may not be reviewed. Generally, because this BAA is targeting early stage research that may lead to larger, focused programs, it is anticipated that proposed periods of performance will not exceed 12 months. All submitted proposals will be reviewed using the published evaluation criteria listed in 5.A. and without regard to any comments resulting from the review of a proposal abstract. IARPA will respond to proposals with a statement as to whether or not it has been selected for negotiation for award. Selection remains contingent on availability of funds.

Offerors are required to submit abstracts and proposals by the time and date specified in Section 4.B.1. As noted in Section 4.B.1., exceptions may be made for late proposals that result from abstracts submitted near but prior to the deadline.

The Government intends to use employees of Booz Allen Hamilton and its subcontractors working under an IARPA SETA contract to assist in administering the evaluation of the proposals. These personnel will have signed and be subject to the terms and conditions of non-disclosure agreements. By submission of its proposal, an offeror agrees that its proposal information may be disclosed to employees of Booz Allen Hamilton and its subcontractors for the limited purpose stated above. If an offeror does not send notice of objection to this arrangement, the Government will assume consent to the use of contractor support personnel in assisting the review of the offeror's submittal under this BAA.

Only Government personnel will make evaluations and award determinations under this BAA.

All administrative correspondence and questions regarding this solicitation should be directed by e-mail to dni-iarpa-baa-09-04@ugov.gov. Abstracts and proposals must be delivered using the instructions in Section 4.B.2. Abstracts and proposals may not be submitted by hand, e-mail or fax; any such abstracts or proposals received in this manner will be disregarded. See below for abstract and proposal submission instructions.

Offerors must submit two hard copies and one soft copy of their proposals: one original hard copy with original signatures; one hard copy with original or copied signatures; and 1 electronic copy with any permitted, additional information (.pdf format preferred) on a CD-ROM. Both hard copies and the CD must be clearly labeled with the following information: BAA# IARPA-BAA-09-04, the offeror's organization, the proposal title (short title recommended), and copy #__ of #__.

4.A.2. Proposal Abstract Format

Proposal abstracts enable offerors to present a concise description of their idea/concept, its technical merit, its relevance to the Intelligence Community, and the proposed approach including demonstrable metrics, prior to submitting a full proposal.

Proposal abstracts should follow the same general format as described in Section 4.A.4.1 “Volume 1 - Technical and Management Proposal” (see below), but include ONLY Sections I and II. The cover sheet should be clearly marked “PROPOSAL ABSTRACT” and the total length should not exceed 5 pages, excluding cover sheet and official transmittal letter. All pages shall be printed on 8-1/2 by 11 inch paper with type not smaller than 12 point. Smaller font may be used for figures, tables and charts. The page limitation for proposal abstracts includes all figures, tables, and charts. An official transmittal letter for the abstract is required. Academic Institution Acknowledgement Letter(s) or OCI waiver/certification are not required for abstract submissions. All proposal abstracts must be written in English.

4.A.3. Proposal Format

All proposals must be in the format given below. Nonconforming proposals may be rejected without review. Proposals shall consist of two volumes: “Volume 1 - Technical and Management Proposal” and “Volume 2 - Cost Proposal”. All pages shall be printed on 8-1/2 by 11 inch paper with type not smaller than 12 point. Smaller font may be used for figures, tables and charts. The page limitation for full proposals includes all figures, tables, and charts. Unnecessarily elaborate brochures or presentations beyond what is sufficient to present a complete and effective proposal are not acceptable and will be discarded without review.

Volume 1 may include an attached bibliography of relevant technical papers or research notes (published and unpublished) which document the technical ideas and approach on which the proposal is based. Copies of not more than three (3) relevant papers can be included with the submission. The bibliography and attached papers are not included in the total page count. The submission of other supporting materials along with the proposal is strongly discouraged and will not be considered for review. Except for the cover sheet, transmittal letter, signed Academic Institution Acknowledgement Letter(s) if required, OCI waiver/certification, bibliography and relevant papers, Volume 1 shall not exceed 30 pages. Any pages exceeding this limit will be removed and not considered during the evaluation process. Full proposals must be accompanied by an official transmittal letter. All full proposals must be written in English.

4.A.4 Proposal Content Specifics

Each proposal submitted in response to this BAA shall consist of the following:

Volume 1 – Technical & Management Proposal

- Section I - Cover Sheet & Transmittal Letter
- Section II – Summary of Proposal
- Section III – Detailed Proposal
- Section IV – Additional Information

Volume 2 – Cost Proposal

- Section I – Cover Sheet
- Section II – Detailed Estimated Cost Breakdown

4.A.4.1 Volume 1 - Technical and Management Proposal {Limit of 30 pages}

Section I. Cover Sheet & Transmittal Letter

A. Cover sheet:

- (1) BAA number
- (2) Intended IARPA Office and technical area
- (3) Lead organization submitting proposal
- (4) Type of business, selected among the following categories: “LARGE BUSINESS”, “SMALL DISADVANTAGED BUSINESS”, “OTHER SMALL BUSINESS”, “HBCU”, “MI”, “OTHER EDUCATIONAL”, OR “OTHER NONPROFIT”
- (5) Contractor’s reference number (if any)
- (6) Other team members (if applicable) and type of business for each
- (7) Proposal title
- (8) Technical point of contact to include: title, first name, last name, street address, city, state, zip code, telephone, fax (if available), electronic mail (if available)
- (9) Administrative point of contact to include: title, first name, last name, street address, city, state, zip code, telephone, fax (if available), electronic mail (if available)
- (10) OCI waiver or certification [see Section 3.A.1.] included? Yes/No
- (10a) If no, reason for not including?
- (11) Are one or more U.S. Academic Organizations part of your team? Yes/No
- (11a) If Yes, are you including an Academic Institution Acknowledgement Statement with your proposal for each Academic Organization that is part of your team? Yes/No
- (12) Total funds requested from IARPA and the amount of cost share (if any)
- (13) Date proposal was submitted.

[NOTE: See Appendix A for Cover Sheet Template]

B. Official Transmittal Letter

Section II. Summary of Proposal

This section shall provide an overview of the proposed work as well as introduce associated technical and management issues. This section shall contain a technical description of and technical approach to the research as well as a succinct portrayal of the uniqueness and benefits of the proposed work. It shall make the technical objectives clear and quantifiable and shall provide a project schedule with definite decision points and endpoints. Offerors must address:

A. Innovative claims for the proposed research. This section is the centerpiece of the proposal and should succinctly describe the uniqueness and benefits of the proposed research relative to the state-of-the-art and alternate technologies and approaches.

B. Summary of the products, transferable technology and deliverables associated with the proposed research results. Offerors should describe their proposed

milestones and define measurable deliverables that show progress toward achieving those milestones. Include in this section all proprietary claims to the results, prototypes, intellectual property, or systems supporting and/or necessary for the use of the research, results, and/or prototype. If there are no proprietary claims, this should be stated. Should no proprietary claims be made, Government rights will be unlimited.

C. Schedule and milestones for the proposed research, including overall estimates of cost for each task. Summarize, in table form, the cost, schedule and milestones for the proposed research, including estimates of cost for each deliverable, total cost and company cost share, if applicable. Do not include proprietary information with the milestones.

D. Overview of the technical approach and plan. Technical rationale, technical approach and constructive plan for accomplishing the technical goals that realize the innovative claims and deliverables. (This section will be supplemented with a more detailed plan in Volume 1, Section III of the proposal.)

E. Related research. General discussion of other research in this area.

F. Project contributors. Offerors must include a clearly defined organizational chart of all anticipated participants and their roles in the project. Accompanying this chart, offerors will provide brief biographical sketches of key personnel and significant contributors and a detailed description of the roles that contributors (including Principal Investigator(s)) will play based on their qualifications and on their level of effort in the project. Discussion of the teaming strategy among team members shall be included. If the team intends to use consultants, they must be included in the organizational chart as well. Indicate if the person will be an “individual” or “organizational” consultant (that is, will the consultant represent himself/herself or his/her organization). In both cases, the organizational affiliation should be identified. The consultant should make a written commitment to be available to the team; the commitment should be attached to the Cost Volume. (Interested parties are encouraged to leverage personnel that are dedicated to BAA requirements no less than 20% of their time. If any participant is scheduled for less than 20% of his/her time, the offeror will provide a clear and compelling justification as to how benefit can be gained from that person’s participation at the specified level of effort.)

A chart, such as the following, is suggested.

Participants	Org	Role	Unique, Relevant Capabilities	Specific Task(s) / Contributions	Time Commitment
John Doe	ABC University	PI/Key Personnel	Astrophysicist	Orbit characteristics	25%
John Doe, Jr.	ABC University	Key Personnel	Computer Programmer	Automated guidance programming	25%
Jane Doe	ABC	Significant	And so forth...	And so forth...	50%

	University	Contributor			
Jane Roe	ABC University	Contributor			25%
John Doe, III	XYZ Co.	Co-PI/Key Personnel			25%
Wayne Roe	XYZ Co.	Significant Contributor			40%
John Doe, IV	XYZ University	Consultant (Individual)			200 hours

Section III. Detailed Proposal Information

This section shall provide the detailed, in-depth discussion of the proposed research. Specific attention must be given to addressing both the risks and payoffs of the proposed research and why it is desirable for IARPA to pursue. Clear and measurable milestones should be described. This part shall provide:

A. Statement of Work (SOW). In plain English, clearly define the technical tasks and sub-tasks to be performed, their durations and the dependencies among them. For each task and sub-task, provide:

- A general description of the objective;
- A detailed description of the approach to be taken developed in an orderly progression and in enough detail to establish the feasibility of accomplishing the goals of the task;
- Identification of the primary organization responsible for task execution (prime, sub-contractor, team member, etc.) by name;
- The exit criteria, i.e., a product, event or milestone that defines its completion;
- Definition of all deliverables (e.g., reporting, data, reports, software, etc.) to be provided to the Government in support of the proposed research tasks/activities.

Note: Do not include any proprietary information in the SOW.

At the end of this section, provide a Gantt chart, showing all the tasks and sub-tasks on the left with the performance period on the right. All milestones should be clearly labeled on the chart.

B. A detailed description of the objectives, scientific relevance, technical approach and expected significance of the work. The key elements of the proposed work should be clearly identified and related to each other. Proposals should clearly detail the technical method(s) and/or approach(es) that will be used to meet or exceed each proposed milestone and should provide ample justification as to why the proposed method(s)/approach(es) is/are feasible. Any anticipated risks should be described and possible mitigations proposed. General discussion of the problem without specific detail about the technical implementation will result in an unacceptable rating.

C. State-of-the-art. Comparison with other on-going research, highlighting the uniqueness of the proposed effort/approach and differences between the proposed

effort and the current state-of-the-art clearly stated. Identify the advantages and disadvantages of the proposed work with respect to potential alternative approaches.

D. Data sources. Identification and description of data sources to be utilized in pursuit of the proposed research goals.

Explain clearly how the data selected will be an appropriate and adequate set for exploring the research topic being proposed.

The Government reserves the right to reject a proposal if it does not appropriately address data issues.

[For Proposals involving Human Subjects] Include the documentation required in Section 6.B.5 (Human Use) and, in addition, provide written verification that all data were lawfully obtained and were either publicly available or collected with informed consent, and, where applicable, that the offeror has a license for use of the data that will cover the proposed activity. Documentation must be well written and logical; claims for exemptions from Federal regulations for human subject protection must be accompanied by a strong defense of the claims. The Human Use documentation and the written verification are not included in the total page count.

E. Description of the products, transferable technology and deliverables associated with the proposed research results, enhancing that of Volume 1, Section II: Summary of Proposal. Offerors should describe their proposed milestones and define measurable deliverables that show progress toward achieving those milestones. Because this BAA is targeting early stage research that will lead to larger, focused programs, it is anticipated that proposed periods of performance will not exceed 12 months. Therefore, milestones and deliverables should be specified at no more than 6 month intervals. Describe the proposed approach to intellectual property rights, together with supporting rationale of why this approach offers the best value to the Government. This section should include a list of technical data, computer software or computer software documentation associated with this research effort in which the Government will acquire less than unlimited rights. Should no proprietary claims be made, Government rights will be unlimited. (See also Section 6.B.3, Intellectual Property.)

F. Cost, schedule, milestones. Cost, schedule, and milestones for the proposed research, including estimates of cost for each deliverable delineated by the primes and major sub-contractors, total cost, and any company cost share, if any. Where the effort consists of multiple portions which could reasonably be partitioned for purposes of funding, these should be identified as options with separate cost estimates for each. Proposed milestones will be used to evaluate progress within the proposed research tasks/subtasks. The milestones must not include proprietary information.

G. Offeror's previous accomplishments. Discuss previous accomplishments and work in this or closely related research areas and how these will contribute to and influence the current work.

H. Facilities. Describe the facilities that will be used for the proposed effort, including computational and experimental resources.

I. Detailed Management Plan. The Management Plan should identify both the organizations and the individuals within those organizations that make up the team and delineate the expected duties, relevant capabilities and task responsibilities of team members and expected relationships among team members. Expected levels of effort (percentage time or fraction of an FTE) for all key personnel and significant contributors should be clearly noted. A description of the technical, administrative and business structure of the team and the internal communications plan should be included. Project/function/sub-contractor relationships (including formal teaming agreements), Government research interfaces, and planning, scheduling, and control practices should be described. The team leadership structure should be clearly defined. Provide a brief biography of the key personnel (including alternates, if desired) who will be involved in the research along with the amount of effort to be expended by each person during the year. Participation by key personnel and significant contributors is expected to exceed 20% of their time. A compelling explanation of any variation from this figure is required.

J. Resource Share. Include the type of support, if any, the offeror might request from the Government, such as facilities, equipment or materials, or any such resources the offeror is willing to provide at no additional cost to the Government to support the research effort. Cost sharing is not required from offerors and is not an evaluation criterion, but is encouraged where there is a reasonable probability of a potential commercial application related to the proposed research and development effort.

K. The names of other federal, state or local agencies or other parties receiving the proposal and/or funding the proposed effort. If none, so state.

Section IV. Additional Information

A brief bibliography of relevant technical papers and research notes (published and unpublished) which document the technical ideas on which the proposal is based. Copies of not more than three (3) relevant papers may be included in the submission. This information does not contribute to the page count of Volume 1.

It is highly recommended that offerors submit with their proposal a completed and signed Standard Form 328 (SF328), Certificate Pertaining to Foreign Interests, hereafter referred to as the Foreign Ownership & Controlling Interests (FOCI) document, for each that is part of their team, whether serving in the role of prime, subcontractor, or consultant at any tier of their team. The FOCI document, Standard Form 328, is found at:

<https://www.dss.mil/GW/ShowBinary/DSS/isp/foci/documents/sf328.pdf>.

Note that the SF328 must be completed before IARPA can enter into any negotiations with any offeror.

4.A.4.2 Volume 2 - Cost Proposal – {No Page Limit}

Section I. Cost Proposal Coversheet

Cover sheet:

- (1) BAA number;
 - (2) Intended IARPA Office and technical area
 - (3) Lead organization submitting proposal
 - (4) Type of business, selected among the following categories: “LARGE BUSINESS”, “SMALL DISADVANTAGED BUSINESS”, “OTHER SMALL BUSINESS”, “HBCU”, “MI”, “OTHER EDUCATIONAL”, OR “OTHER NONPROFIT”
 - (5) Contractor’s reference number (if any)
 - (6) Other team members (if applicable) and type of business for each
 - (7) Proposal title
 - (8) Technical point of contact to include: title, first name, last name, street address, city, state, zip code, telephone, fax (if available), electronic mail (if available)
 - (9) Administrative point of contact to include: title, first name, last name, street address, city, state, zip code, telephone, fax (if available), and electronic mail (if available)
 - (10) Award instrument requested: cost-plus-fixed-fee (CPFF), cost-contract—no fee, cost sharing contract – no fee, grant, cooperative agreement, other transaction or other type of procurement contract (specify)
 - (11) Place(s) and period(s) of performance
 - (12) Total proposed cost separated by basic award and option(s) (if any)
 - (13) Name, address, telephone number of the offeror’s Defense Contract Management Agency (DCMA) administration office or equivalent cognizant contract administration entity, if known
 - (14) Name, address, telephone number of the offeror’s Defense Contract Audit Agency (DCAA) audit office or equivalent cognizant contract audit entity, if known
 - (15) Date proposal was prepared
 - (16) DUNS number
 - (17) TIN number
 - (18) Cage Code
 - (19) Proposal validity period [minimum of 90 days]
- [NOTE: See Appendix B for Cover Sheet Template]

Section II. Detailed Estimated Cost Breakdown

Detailed cost breakdown to include:

- (1) Total cost broken down by major cost items (direct labor, including labor categories; sub-contracts; materials; other direct costs, overhead charges, etc.) and further broken down by major task.

- (2) An itemization of major subcontracts and equipment purchases.
- (3) An itemization of any information technology (IT) purchase¹.
- (4) A summary of projected funding requirements by month.
- (5) The source, nature, and amount of any industry cost-sharing.
- (6) Identification of pricing assumptions of which may require incorporation into the resulting award instrument (e.g., use of Government Furnished Property/Facilities/Information, access to Government Subject Matter Expert/s, etc.).

The prime contractor is responsible for compiling and providing all subcontractor proposals for the Procuring Contracting Officer (PCO). Subcontractor proposals should include Interdivisional Work Transfer Agreements (ITWA) or similar arrangements. Where the effort consists of multiple portions which could reasonably be partitioned for purposes of funding, these should be identified as options with separate cost estimates for each. NOTE: For IT and equipment purchases, include a letter stating why the Offeror cannot provide the requested resources from its own funding.

Supporting cost and pricing information must be provided in sufficient detail to substantiate the summary cost estimates in Volume 1 above. Include a description of the method used to estimate costs and supporting documentation. Note: “cost or pricing data” shall be required if the offeror is seeking a procurement contract award of \$650,000 or greater unless the offeror requests an exception from the requirement to submit cost or pricing data. “Cost or pricing data” are not required if the offeror proposes an award instrument other than a procurement contract (e.g., a grant, cooperative agreement, or other transaction). However, such data may be required prior to award if the offeror’s proposal is selected for negotiations and the Government determines that a procurement contract is the appropriate award instrument. All proprietary subcontractor proposal documentation, prepared at the same level of detail as that required of the prime, shall be made immediately available to the Government, upon request, under separate cover (i.e., mail, electronic/email, etc.), either by the offeror or by the subcontractor organization.

¹ IT is defined as “any equipment, or interconnected system(s) or subsystem(s) of equipment that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information by the agency. (a) For purposes of this definition, equipment is used by an agency if the equipment is used by the agency directly or is used by a contractor under a contract with the agency which – (1) Requires the use of such equipment; or (2) Requires the use, to a significant extent, of such equipment in the performance of a service or the furnishing of a product. (b) The term “information technology” includes computers, ancillary, software, firmware and similar procedures, services (including support services), and related resources. (c) The term “information technology” does not include – (1) Any equipment that is acquired by a contractor incidental to a contract; or (2) Any equipment that contains imbedded information technology that is used as an integral part of the product, but the principal function of which is not the acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information. For example, HVAC (heating, ventilation, and air conditioning) equipment such as thermostats or temperature control devices, and medical equipment where information technology is integral to its operation, is not information technology.”

All Offerors requesting an other transaction award instrument must include a detailed list of payment milestones. Each such payment milestone must include the following: milestone description, exit criteria, due date, milestone payment amount (to include, if cost share is proposed, contractor and government share amounts). It is noted that, at a minimum, such payable milestones should relate directly to accomplishment of technical milestones and metrics as defined in the Offeror's proposal. Agreement type, fixed price or expenditure based, will be subject to negotiation by the Government; however, it is noted that the Government prefers use of fixed price payable milestones to the maximum extent possible. Do not include proprietary data.

Consultant letter(s) of commitment should be attached to the Cost Volume and estimated costs should be included in the cost estimates.

4.B. Submission Details

4.B.1. Due Dates

Abstracts or proposals may be submitted at any time up to 5:00 p.m. EST, 31 August 2009. Abstracts or proposals will not be accepted after this date with the exception of proposals that result from an abstract submitted near but prior to the deadline. A new deadline will be provided to the offeror in this situation.

4.B.2. Proposal Delivery

Abstracts and proposals must be delivered to the mail reception facility at the below address:

ODNI/IARPA
ATTN: M. Fong, IARPA-BAA-09-04
Gate 5
1000 Colonial Farm Road
McLean, VA 22101

IMPORTANT: Deliveries must be made using one of the following commercial delivery services: UPS, FedEx, or DHL; NOT United States Postal Service (USPS). Note that under certain "same day delivery" options, UPS, FedEx and DHL may subcontract out their services to local delivery companies. These smaller local delivery companies will not be allowed access to this address to make deliveries. For this reason and other unforeseen situations, offerors should track their submission to ensure final delivery. Deliveries by hand, e-mail or fax will not be accepted.

Offerors must ensure the timely delivery of their proposals. The mail reception facility closes at 5 p.m.; delivery cannot take place after this time until the following day. IARPA will generally acknowledge receipt of complete submissions via e-mail within 24-48 hours and assign control numbers that should be used in all further correspondence regarding abstracts or proposals. To be certain of delivery, however, it is suggested that a tracking number be obtained from the carrier.

Failure to comply with the submission procedures may result in the submission not being evaluated.

Section 5: APPLICATION REVIEW INFORMATION

5.A. Evaluation Criteria

The criteria to be used to evaluate and select proposals for this BAA are described in the following paragraphs. Because there is no common statement of work, each proposal will be evaluated on its own merits and its relevance to IARPA's mission rather than against other proposals responding to this BAA. Specifics about the evaluation criteria are provided below, in descending order of importance.

5.A.1. Overall Scientific and Technical Merit

Overall scientific and technical merit of the proposal is substantiated, including unique and innovative methods, approaches, and/or concepts. The technical approach is credible, and includes a clear assessment of primary risks and a means to address them. The offeror can expect the selection process to include an assessment of the proposal against the state-of-the-art.

5.A.2. Effectiveness of Proposed Work Plan

The offeror's approach to achieving the proposed milestones is explicitly described and clearly substantiated along with risk mitigation strategies. Milestones and metrics are clear and well-defined with a logical connection to enabling offeror decisions and/or Government decisions. The schedule to achieve the milestones is realistic and reasonable.

The role and relationships of prime/subs is clearly delineated with all participants fully documented. Work plans demonstrate the ability to provide full Government visibility into, and interaction with, key technical activities and personnel; and a single point of responsibility for contract performance. Work plans must also demonstrate that key personnel have sufficient time committed to the effort to accomplish their described roles.

The requirement for and the anticipated use or integration of Government Furnished Property (GFP) including all equipment, facilities, information, etc. is fully described including dates when such GFP, GFE, GFI or other similar government provided resources will be required.

The offeror's proposed intellectual property and data rights are consistent with the Government's need to be able to communicate the project information across Government organizations and to support transition of the results into a full IARPA program and/or to Intelligence Community users at a reasonable cost.

5.A.3. Contribution and Relevance to the IARPA Mission

The proposal describes how it contributes to IARPA's mission to invest in high-risk/high-payoff ideas and technologies that have the potential to provide the U.S. with an

overwhelming intelligence advantage over its future adversaries. The proposed approach to intellectual property rights offers the best value to the Government.

5.A.4. Relevant Experience and Expertise

The offeror's capabilities, related experience, facilities, techniques, or unique combination of these which are integral factors for achieving the proposal's objectives will be evaluated, as well as the qualifications, capabilities, and experience of the proposed principal investigator, team leader, and key personnel critical in achieving the proposal objectives. Time commitments of key personnel must be sufficient for their proposed responsibilities in the effort.

5.A.5. Cost Realism

The proposed costs are reasonable, realistic, and affordable for the work proposed. Estimates are "realistic" when they are neither excessive nor insufficient for the effort to be accomplished. The proposal documents all anticipated costs including those of associate, participating organizations. The proposal demonstrates that the respondent has fully analyzed budget requirements and addressed resulting cost risks. All cost sharing and leveraging opportunities have been explored and identified. Other sponsors who have funded or are funding this offeror for the same or similar efforts are identified. The Government shall evaluate how well all cost data is traceable and reconcilable.

IARPA recognizes that undue emphasis on cost may motivate offerors to offer low-risk ideas with minimum uncertainty and to staff the effort with junior personnel in order to be in a more competitive posture. IARPA discourages such cost strategies. Cost reduction approaches that will be received favorably include innovative management concepts that maximize direct funding for technology and limit diversion of funds into overhead.

Note to offerors regarding the above evaluation criteria:

Awards under this BAA will be made to offerors on the basis of the evaluation criteria listed in Section 5.A, portfolio balance and availability of funds. Award recommendations will not be made to offeror(s) whose proposal(s) are determined to be not selectable.

OFFERORS ARE CAUTIONED THAT EVALUATION RATINGS MAY BE LOWERED AND/OR PROPOSALS REJECTED IF SUBMITTAL INSTRUCTIONS ARE NOT FOLLOWED.

5.B. Review and Selection Process

It is the policy of IARPA to ensure impartial, equitable, comprehensive proposal evaluations and to select the source (or sources) whose offer meets the Government's technical, policy and programmatic goals. In order to provide the desired evaluation, qualified Government personnel will conduct reviews and (if necessary) convene panels of experts in the appropriate areas.

Proposals will only be evaluated against the criteria described under Section 5.A above, and will not be evaluated against other proposals since they are not submitted in accordance with a common work statement. For evaluation purposes, a proposal is the document described in "Proposal Information", Section 4.A. Other supporting or background materials submitted with the proposal will be considered for the reviewer's convenience only and not considered as part of the proposal.

As noted above, the Government intends to use employees of Booz Allen Hamilton and its subcontractors working under the IARPA Office SETA contract to assist in administering the evaluation of the proposals. These personnel will have signed and be subject to the terms and conditions of non-disclosure agreements. By submission of its proposal, an offeror agrees that its proposal information may be disclosed to employees of Booz Allen Hamilton and its subcontractors for the limited purpose stated above. If offerors do not send notice of objection to this arrangement, the Government will assume your consent to the use of contractor support personnel in assisting the review of your submittal(s) under this BAA.

5.C. Proposal and Abstract Retention

Proposals and abstracts will not be returned. Upon completion of the source selection process, the original of each proposal received will be retained at IARPA and all other non-required copies will be destroyed. A certification of destruction may be requested, provided that the formal request is sent to IARPA via e-mail within 5 days after notification of abstract or proposal results.

Section 6: AWARD ADMINISTRATION INFORMATION

6.A. Award Notices

As soon as the evaluations are complete, the offeror will be notified by IARPA that 1) the proposal has been selected for funding, pending contract negotiations or 2) the proposal has not been selected for funding. The Government Contracting Officer will send similar notification to the Contracting Office/Administrative Point of Contact of the lead organization.

6.B. Administrative and National Policy Requirements

6.B.1. Security

The Government anticipates that abstracts and proposals submitted under this BAA will be unclassified. Offerors choosing to submit a classified abstract or proposal must first receive permission from the Original Classification Authority to use their information in replying to this BAA. Applicable classification guide(s) should be submitted to ensure that the proposal is protected appropriately.

In the event that an offeror chooses to submit a classified abstract or proposal or submit any documentation that may be classified, the following information is applicable.

Collateral Classified Information

Use classification and marking guidance provided by previously issued security classification guides and the National Industrial Security Program Operating Manual (DoD 5220.22-M) when marking and transmitting information previously classified by another original classification authority. Classified information at the Confidential and Secret level may only be mailed via U.S. Postal Service (USPS) First Class Registered Mail or U.S. Postal Service Express Mail. All classified information will be enclosed in opaque inner and outer covers and double wrapped. The inner envelope shall be sealed and plainly marked with the assigned classification and addresses of both sender and addressee. The inner envelope shall be addressed to:

TO BE OPENED BY
IARPA Security Office
ATTN: IARPA-BAA-09-04

The outer envelope shall be sealed with no identification as to the classification of its contents and addressed to:

IARPA/CASL Building
Office of the Director of National Intelligence (ODNI)
Washington, DC 20511

Information Above Collateral Secret Level

For submissions above the Collateral Secret level, contact the IARPA Security Office at 301-226-9003/9102 for further guidance and instructions prior to transmitting information to IARPA.

Offerors must have existing and in-place prior to execution of an award, approved capabilities (personnel and facilities) to perform research and development at the classification level they propose.

Security classification guidance will not be provided at this time since IARPA is soliciting ideas only. After reviewing the incoming proposals, if a determination is made that the award instrument may result in access to classified information; a security classification guide will be issued and attached as part of the award.

6.B.2. Proprietary Data

It is the policy of IARPA to treat all proposals as competitive information and to disclose their contents only for the purpose of evaluation.

All proposals containing proprietary data should have the cover page and each page containing proprietary data clearly marked as containing proprietary data. It is the offeror's responsibility to clearly define to the Government what is considered proprietary data.

6.B.3. Intellectual Property

a) Procurement Contract Offerors

(1) Noncommercial Items (Technical Data and Computer Software)

Offerors responding to this BAA requesting a procurement contract to be issued under the FAR shall identify all noncommercial technical data and noncommercial computer software that it plans to generate, develop, and/or deliver under any proposed award instrument in which the Government will acquire less than unlimited rights, and to assert specific restrictions on those deliverables. In the event that offerors do not submit such information, the Government will assume that it automatically has “unlimited rights” to all noncommercial technical data and noncommercial computer software generated, developed, and/or delivered under any award instrument, unless it is substantiated that development of the noncommercial technical data and noncommercial computer software occurred with mixed funding. If mixed funding is anticipated in the development of noncommercial technical data and noncommercial computer software generated, developed, and/or delivered under any award instrument, then offerors should identify the data and software in question, as subject to Government Purpose Rights (GPR)². The Government will automatically assume that any such GPR restriction is limited to a period of five (5) years, at which time the Government will acquire “unlimited rights” unless the parties agree otherwise. Offerors are advised that the Government will use this information during the source selection evaluation process to evaluate the impact of any identified restrictions and may request additional information from the Offeror, as may be necessary, to evaluate the Offeror’s assertions. If no restrictions are intended, then the Offeror should state “NONE.”

A sample list for complying with this request is as follows:

NONCOMMERCIAL ITEMS			
Technical Data Computer Software To be Furnished With Restrictions	Basis for Assertion	Asserted Rights Category	Name of Person Asserting Restrictions
(LIST)	(LIST)	(LIST)	(LIST)

(2) Commercial Items (Technical Data and Computer Software)

² “Government purpose rights” means the rights to use, modify, reproduce, release, perform, display, or disclose technical data and computer software within the Government without restriction; and to release or disclose technical data and computer software outside the Government and authorize persons to whom release or disclosure has been made to use, modify, reproduce, release, perform, display, or disclose that data or software for any United States Government purpose. United States Government purposes include any activity in which the United States Government is a party, including cooperative agreements with international or multi-national defense organizations, or sales or transfers by the United States Government to foreign governments or international organizations. Government purposes include competitive procurement, but do not include the rights to use, modify, reproduce, release, perform, display, or disclose technical data or computer software for commercial purposes or authorize others to do so.

Offerors responding to this BAA requesting a procurement contract to be issued under the FAR shall identify all commercial technical data and commercial computer software that may be embedded in any noncommercial deliverables contemplated under the research effort, along with any applicable restrictions on the Government's use of such commercial technical data and/or commercial computer software. In the event that offerors do not submit the list, the Government will assume that there are no restrictions on the Government's use of such commercial items. The Government may use the list during the source selection evaluation process to evaluate the impact of any identified restrictions and may request additional information from the Offeror, as may be necessary, to evaluate the Offeror's assertions. If no restrictions are intended, then the Offeror should state "NONE."

A sample list for complying with this request is as follows:

COMMERCIAL ITEMS			
Technical Data Computer Software To be Furnished With Restrictions	Basis for Assertion	Asserted Rights Category	Name of Person Asserting Restrictions
(LIST)	(LIST)	(LIST)	(LIST)

(b) Non-Procurement Contract Offerors – Noncommercial and Commercial Items (Technical Data and Computer Software)

Offerors responding to this BAA requesting a grant, cooperative agreement, technology investment agreement or other transaction shall follow the applicable rules and regulations governing these various award instruments, but in all cases should appropriately identify any potential restrictions on the Government's use of any Intellectual Property contemplated under those award instruments in question. This includes both Noncommercial Items and Commercial Items. Offerors may use a format similar to that described in the previous sections. The Government may use the list during the source selection evaluation process to evaluate the impact of any identified restrictions, and may request additional information from the Offeror, as may be necessary, to evaluate the Offeror's assertions. If no restrictions are intended, then the Offeror should state "NONE."

(c) All Offerors – Patents

Include documentation proving ownership of or possession of appropriate licensing rights to all patented inventions (or inventions for which a patent application has been filed) that will be utilized under the proposal. If a patent application has been filed for an invention that the proposal utilizes, but the application has not yet been made publicly available and contains proprietary information, the offeror may provide only the patent number, inventor name(s), assignee names (if any), filing date, filing date of any related provisional application, and a summary of the patent title, together with either: 1) a representation that you own the invention, or 2) proof of possession of appropriate licensing rights in the invention.

(d) All Offerors – Intellectual Property Representations

All offerors shall provide a good faith representation that you either own or possess appropriate licensing rights to all other intellectual property that will be utilized under your proposal. Additionally, offerors shall provide a short summary for each item asserted with less than unlimited rights that describes the nature of the restriction and the intended use of the intellectual property in the conduct of the proposed research.

6.B.4. Meeting and Travel Requirements

Performers are expected to assume responsibility for administration of their projects and to comply with contractual requirements for reporting results and availability for site visits.

Site visits by Government staff will likely take place twice yearly during the period of performance. These visits will occur at the Contractor's facility. Reports on technical progress and details of successes and issues will be expected at such visits.

6.B.5. Human Use

All research involving human subjects, to include use of human biological specimens and human data, selected for funding must comply with the federal regulations for human subject protection, namely 45 CFR Part 46, Protection of Human Subjects (<http://www.hhs.gov/ohrp/humansubjects/guidance/45cfr46.htm>)

Institutions awarded funding for research involving human subjects must provide documentation of a current Assurance of Compliance with Federal regulations for human subject protection, for example a Department of Health and Human Services, Office of Human Research Protection Federal Wide Assurance (<http://www.hhs.gov/ohrp>). All institutions engaged in human subject research, to include sub-contractors, must also have a valid Assurance.

For all proposed research that will involve human subjects, the institution must provide evidence of or a plan for review by an Institutional Review Board (IRB) on final proposal submission to IARPA. The IRB conducting the review must be the IRB identified on the institution's Assurance. The protocol, separate from the proposal, must include a detailed description of the research plan, study population, risks and benefits of study participation, recruitment and consent process, data collection, and data analysis. Consult the designated IRB for guidance on writing the protocol. The informed consent document must comply with federal regulations (45 CFR Part 46).

The amount of time required to complete the IRB review/approval process may vary depending on the complexity of the research and/or the level of risk to study participants. Ample time should be allotted to complete the approval process. The IRB approval process can take several months. No IARPA funding can be used towards human subjects research until ALL approvals are granted.

In some cases, IARPA may decide to use a DoD contracting agent for negotiation of awards. In such cases, in addition to local IRB approval, a DoD headquarters-level human-subject regulatory review and approval will also be required.

In limited instances, human subject research may be exempt from Federal regulations for human subject protection, for example, under Department of Health and Human Services, 45 CFR 46.101(b). Offerors claiming that their research falls within an exemption from Federal regulations for human subject protection must provide written documentation with their proposal that cites the specific applicable exemption and explains clearly how their proposed research fits within that exemption.

6.B.6. Publication Approval

Pre-publication approval for research information associated with IARPA may be required if it is determined that the release of such information may result in the disclosure of sensitive information. Offerors are advised that if they propose grants or cooperative agreements, IARPA may elect to award other award instruments, particularly if a determination of sensitivity as described above is made. Any award resulting from such a determination may include a requirement to obtain IARPA's permission before publishing any information on the research.

6.B.7. Export Control

(1) The offeror shall comply with all U.S. export control laws and regulations, including the International Traffic in Arms Regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799, in the performance of this contract. In the absence of available license exemptions/exceptions, the offeror shall be responsible for obtaining the appropriate licenses or other approvals, if required, for exports of (including deemed exports) hardware, technical data, and software, or for the provision of technical assistance.

(2) The offeror shall be responsible for obtaining export licenses, if required, before utilizing foreign persons in the performance of this contract, including instances where the work is to be performed on-site at any Government installation (whether in or outside the United States), where the foreign person will have access to export-controlled technologies, including technical data or software.

(3) The offeror shall be responsible for all regulatory record keeping requirements associated with the use of licenses and license exemptions/exceptions.

(4) The offeror shall be responsible for ensuring that the provisions of this clause apply to its sub-contractors.

(5) The offeror will certify knowledge of and intended adherence to these requirements in the representations and certifications of the contract.

6.B.8. Subcontracting

It is the policy of the Government to enable small business and small disadvantaged business concerns to be considered fairly as sub-contractors to contractors performing

work or rendering services as prime contractors or sub-contractors under Government contracts and to assure that prime contractors and sub-contractors carry out this policy. Each offeror that submits a proposal that includes sub-contractors; is selected for funding (pending negotiations); and has proposed a funding level above the maximum cited in the FAR, may be asked to submit a sub-contracting plan before award, in accordance with FAR 19.702(a) (1) and (2). The plan format is outlined in FAR 19.704.

6.B.9. Reporting

Fiscal and management responsibility are important to IARPA. Although the number and types of reports will be specified in the award document, the performer will, at a minimum, provide the Contracting Office, Contracting Officer Representative and the IARPA Program Manager with monthly technical reports and monthly financial reports. The reports shall be prepared and submitted in accordance with the procedures contained in the award document and mutually agreed upon before award. Technical reports will describe technical highlights and accomplishments, priorities and plans, issues and concerns; will provide evaluation results; and will detail future plans. Financial reports will present an on-going financial profile of the project, including total project funding, funds invoiced, funds received, funds expended during the preceding month and planned expenditures over the remaining period. Additional reports and briefing material may also be required, as appropriate, to document progress.

The performer will prepare a final report of their work at the conclusion of the performance period of the award (even if the research may continue under a follow-on vehicle). The final report will be delivered to the Contracting Agent, Contracting Officer Representative and the IARPA Program Manager.

6.B.10. Central Contractor Registration (CCR)

Selected offerors not already registered in the Central Contractor Registry (CCR) may be required to register in CCR prior to any award under this BAA. Information on CCR registration is available at <http://www.ccr.gov>.

6.B.11. Representations and Certifications

Prospective offerors may be required to complete electronic representations and certifications at <http://orca.bpn.gov>. Successful offerors will be required to complete additional representations and certifications prior to award.

Section 7: AGENCY CONTACTS

Administrative, technical or contractual questions concerning this BAA should be sent via e-mail to dni-iarpa-baa-09-04@ugov.gov. If e-mail is not available, fax questions to 301-226-9137, Attention: IARPA-BAA-09-04. All requests must include the name, email address (if available), and phone number of a point of contact for the requested information. Do not send questions with proprietary content. IARPA will accept questions about the BAA until its closing. A consolidated Question and Answer response will be periodically posted on the IARPA website (www.iarpa.gov); no answers will go directly to the submitter.

Point of Contact:

Mr. Manfai Fong, IARPA, Executive Officer
ATTN: IARPA-BAA-09-04
Office of the Director of National Intelligence
Intelligence Advanced Research Projects Activity (IARPA)
Washington, DC 20511
Fax: (301) 226-9137

E-mail: dni-iarpa-baa-09-04@ugov.gov

All emails must have the BAA number in the Subject Line.

APPENDIX A

VOLUME 1: Technical/Management Details Cover Sheet

IARPA Wide Broad Agency Announcement

IARPA-BAA-09-04

VOLUME 1: Technical/Management Details

(1) BAA Number	IARPA-BAA-09-04
(2) Intended IARPA Office and Technical Area	
(3) Lead Organization Submitting Proposal	
(4) Type of Business, Selected Among the Following Categories: "Large Business", "Small Disadvantaged Business", "Other Small Business", "HBCU", "MI", "Other Educational", or "Other Nonprofit"	
(5) Contractor's Reference Number (if any)	
(6) Other Team Members (if applicable) and Type of Business for Each	
(7) Proposal Title	
(8) Technical Point of Contact to Include: Title, First Name, Last Name, Street Address, City, State, Zip Code, Telephone, Fax (if available), Electronic Mail (if available)	
(9) Administrative Point of Contact to Include: Title, First Name, Last Name, Street Address, City, State, Zip Code, Telephone, Fax (if available), Electronic Mail (if available)	
(10) OCI Waiver or Certification [see Section 3.A.1] Included?	Yes/No
(10a) If No, reason for not including?	
(11) Are one or more U.S. Academic Organizations part of your team?	Yes/No
(11a) If Yes, are you including an Academic Institution Acknowledgement Statement with your proposal for each Academic Organization that is part of your team?	Yes/No
(12) Total Funds Requested from IARPA and the Amount of Cost Share (if any)	\$
(13) Date Proposal as Submitted.	

APPENDIX B

VOLUME 2: Cost Proposal Cover Sheet

IARPA Wide Broad Agency Announcement

IARPA-BAA-09-04

VOLUME 2: Cost Proposal

(1) BAA Number	IARPA-BAA-09-04
(2) Intended IARPA Office and Technical Area	
(3) Lead organization submitting proposal	
(4) Type of Business, Selected Among the Following Categories: "Large Business", "Small Disadvantaged Business", "Other Small Business", "HBCU", "MI", "Other Educational", or "Other Nonprofit"	
(5) Contractor's Reference Number (if any)	
(6) Other Team Members (if applicable) and Type of Business for Each	
(7) Proposal Title	
(8) Technical Point of Contact to Include: Title, First Name, Last Name, Street Address, City, State, Zip Code, Telephone, Fax (if available), Electronic Mail (if available)	
(9) Administrative Point of Contact to Include: Title, First Name, Last Name, Street Address, City, State, Zip Code, Telephone, Fax (if available), Electronic Mail (if available)	
(10) Award Instrument Requested: Cost-Plus-Fixed-Fee (CPFF), Cost-Contract—No Fee, Cost Sharing Contract – No Fee, Grant, Cooperative Agreement or Other Type of Procurement Contract (specify)	
(11) Place(s) and Period(s) of Performance	
(12) Total Proposed Cost Separated by Basic Award and Option(s) (if any)	
(13) Name, Address, Telephone Number of the Offeror's Defense Contract Management Agency (DCMA) Administration Office or Equivalent Cognizant Contract Administration Entity, if Known	
(14) Name, Address, Telephone Number of the Offeror's Defense Contract Audit Agency (DCAA) Audit Office or Equivalent Cognizant Contract Audit Entity, if Known	
(15) Date Proposal was Prepared	
(16) DUNS Number	
(17) TIN Number	
(18) Cage Code	
(19) Proposal Validity Period [minimum of 90 days]	

APPENDIX C

Academic Institution Acknowledgement Letter Template

IARPA Wide Broad Agency Announcement

IARPA-BAA-09-04

-- Please Place on Official Letterhead --

<insert date>

To: Mr. Thomas Kelso
Chief Acquisition Officer
ODNI/IARPA
Office of the Director of National Intelligence
Washington, D.C. 20511

Subject: Academic Institution Acknowledgement Letter

Reference: Executive Order 12333, As Amended, Para 2.7

This letter is to acknowledge that the undersigned is the responsible official of <insert name of the academic institution>, authorized to approve the contractual relationship in support of the Office of the Director of National Intelligence's Intelligence Advanced Research Projects Activity and this academic institution.

The undersigned further acknowledges that he/she is aware of the Intelligence Advanced Research Projects Activity's proposed contractual relationship with <insert name of Institution> through <insert solicitation #> and is hereby approved by the undersigned official, serving as the president, vice-president, chancellor, vice-chancellor, or provost of the institution.

<Name>
<Position>

Date

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